L Number	Hits	Search Text	DB	Time stamp
1	1	("5602511").PN.	USPAT;	2004/06/11 15:46
			US-PGPUB	
2	0	(("5602511").PN.) and MOS	USPAT;	2004/06/11 15:47
			US-PGPUB	
3	0	(("5602511").PN.) and photodiode	USPAT;	2004/06/11 15:47
			US-PGPUB	
5	0	(("5602511").PN.) and differential	USPAT;	2004/06/11 15:49
			US-PGPUB	
6	0	(("5602511").PN.) and maximum and minimum	USPAT;	2004/06/11 15:47
_			US-PGPUB	
7	38	(US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 15:47
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or		
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$).did. or (US-20020060284-\$ or]
		US-20020153957-\$ or US-20020171454-\$ or		
		US-20010040212-\$).did.		
9	4	(((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 15:48
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	200 1,00,11 13:10
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	00 1 01 00	
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or	-	
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		ı
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
1 1		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
1		US-5561288-\$).did. or (US-20020060284-\$ or		
		US-20020153957-\$ or US-20020171454-\$ or		
		US-20010040212-\$).did.) and MOS with transistor) and		
10	4	photodiode		
10	1	((((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 15:48
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or		
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
1		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		•
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$).did. or (US-20020060284-\$ or		
		US-20020153957-\$ or US-20020171454-\$ or		
		US-20010040212-\$).did.) and MOS with transistor) and		
L		photodiode) and revers\$7 with photodiode		

11	1	(((((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 15:49
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or		
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
1		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
ľ		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
1	-	US-5561288-\$).did. or (US-20020060284-\$ or	ł	
		US-20020153957-\$ or US-20020171454-\$ or		
		US-20010040212-\$).did.) and MOS with transistor) and		
		photodiode) and revers\$7 with photodiode) and differential		
12	1	((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 15:50
1 **	_	US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	2007/00/11 15.50
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	03-FGF0B	
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or	İ	
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$).did. or (US-20020060284-\$ or		
		US-20020153957-\$ or US-20020171454-\$ or	1	İ
		US-20010040212-\$).did.) and MOS with transistor with		
		integrat\$6		
8	8	((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 15:54
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	<u> </u>
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	1	
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
	1	US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
	1	US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$).did. or (US-20020060284-\$ or		
		US-20020153957-\$ or US-20020171454-\$ or		
]		US-20010040212-\$).did.) and MOS with transistor		
13	512	integrat\$6 with capacitor with MOS with transistor	USPAT;	2004/06/11 15:55
			US-PGPUB	
14	37	(integrat\$6 with capacitor with MOS with transistor) and	USPAT;	2004/06/11 16:03
		250/\$.ccls.	US-PGPUB	200 1/00/11 10:03
15	12	((integrat\$6 with capacitor with MOS with transistor) and	USPAT;	2004/06/11 15:55
		250/\$.ccls.) and accumulat\$4 with transistor	US-PGPUB	2007/00/11 15.55
16	25	((integrat\$6 with capacitor with MOS with transistor) and	USPAT;	2004/06/11 16:03
		250/\$.ccls.) not (((integrat\$6 with capacitor with MOS with	US-PGPUB	2007/00/11 10.03
		transistor) and 250/\$.ccls.) and accumulat\$4 with transistor)	O3-FGFUB	
	L	u di isistoi) di la 230/ p.ccis.) di la accumulator With transistor)	<u></u>	

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17	41	(US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 16:13
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or		
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or		
		(US-20020060284-\$ or US-20020153957-\$ or		
		US-20020171454-\$ or US-20010040212-\$ or		
		US-20040108460-\$).did.		
18	1	((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 16:15
10	•	US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	2007/00/11 10.13
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	03 1 01 00	
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		<u> </u>
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or		
		(US-20020060284-\$ or US-20020153957-\$ or		
		US-20020171454-\$ or US-20010040212-\$ or		
		US-20040108460-\$).did.) and reversed with bias\$4 with		
		photodiode		
19	0	((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 16:16
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	İ
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or		
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or		
		(US-20020060284-\$ or US-20020153957-\$ or		
ì				
		US-20020171454-\$ or US-20010040212-\$ or US-20040108460-\$) did) and differential with amplifier		
		US-20040108460-\$).did.) and differential with amplifier		
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode	LICDAT	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	USPAT; US-PGPUB	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	1	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or	1	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-665012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-665012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or US-6172353-\$ or US-692844-\$).did. or (US-5959291-\$ or US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-6700110-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-6655012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-665012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or (US-20020060284-\$ or US-20020153957-\$ or	1 '	2004/06/11 16:16
20	16	US-20040108460-\$).did.) and differential with amplifier same transistor same cascode ((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-6700110-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or US-RE38499-\$ or US-6660991-\$ or US-6655012-\$ or US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or	1 '	2004/06/11 16:16

Search History 6/11/04 5:09:34 PM Page 3

21	5	((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	USPAT; US-PGPUB	2004/06/11 16:19
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or (US-20020060284-\$ or US-20020153957-\$ or		
		US-20020171454-\$ or US-20010040212-\$ or		
		US-20040108460-\$).did.) and differential with amplifier with		
22	105	transistor		2001100111110
22	185	differential with amplifier with transistor with cascode	USPAT; US-PGPUB	2004/06/11 16:19
23	3	(differential with amplifier with transistor with cascode) and	USPAT;	2004/06/11 16:22
		250/\$.ccls.	US-PGPUB	-50 1/ 50/ 22 20122
24	18	((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 17:04
		US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	US-PGPUB	
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or (US-20020060284-\$ or US-20020153957-\$ or		
		US-20020171454-\$ or US-20010040212-\$ or		
		US-20040108460-\$).did.) and source with follow\$4		
25	2	(((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/11 16:50
	:	US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or	US-PGPUB	
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$ or US-5969337-\$ or US-6201248-\$).did. or		
		(US-20020060284-\$ or US-20020153957-\$ or US-20020171454-\$ or US-20010040212-\$ or		
		US-20040108460-\$).did.) and source with follow\$4) and		
		maximum and minimum		
27	9	(source with follow\$4 with intensi\$4 with array) and	USPAT;	2004/06/11 16:56
26	33	250/\$.ccls. source with follow\$4 with intensi\$4 with array	US-PGPUB USPAT;	2004/06/11 17:02
	33	उठका उठ गावा राजालग्रम गावा ।।।।एटाडाक्न wiai airay	USPAT; US-PGPUB	2004/06/11 17:03
-	2617	(250/214a,214sw,214r).CCLS.	USPAT;	2004/06/10 15:53
<u>-</u>	1040	((220/200) or (227/77 514)) col c	US-PGPUB	
	1948	((330/308) or (327/77,514)).CCLS.	USPAT; US-PGPUB	2004/06/04 11:51
-	4284	((250/214a,214sw,214r).CCLS.) (((330/308) or	USPAT;	2004/06/07 12:04
L	<u> </u>	(327/77,514)).CCLS.)	US-PGPUB	
	l	(32/[// ₃ 314)).CCL3.)	US-PGPUB	

1046 ((250/214a,214sw,214r),CCLS.) ((330/308) or (320/77,514)),CCLS.) and amplifer and switch\$4					
2004/06/07 12:28 2004/06/07 16:09 2002/07/1494 JPM, 2147).CCLS.) (((330/308) or USPAT; USPAT	-	1046	(((250/214a,214sw,214r).CCLS.) (((330/308) or	USPAT;	2004/06/07 12:15
2004/06/07 12:28 2004/06/07 16:09 2002/07/1494 JPM, 2147).CCLS.) (((330/308) or USPAT; USPAT			(327/77,514)).CCLS.)) and amplifier and switch\$4	US-PGPUB	
1155 (((250)/214a, 214sw, 214r), CCL5.) (((330)/308) or (32777), 514). CCL5.) (((330)/308) or (32777), 514). CCL5.) (((330)/308) or (32777), 514). CCL5.) (((330)/308) or (32777), 514). CCL5.) (((330)/308) or (327777, 514). CCL5.) (((330)/308) or (327777, 514). CCL5.) (((330)/308) or (327777, 514). CCL5.) (((230)/308) or (327777, 514). CCL5.) (((330)/308) or (327777, 514). CCL5.) ((330)/308) or (32	-	0		USPAT	2004/06/07 12:18
(327/77,514), CCLS.)) and amplif\$5 and switch\$4	1 -	1155		1	
0 20020171454-URPN. USPAT 2004/06/07 13:54					200 1/00/07 20107
0 6681130.URPN 3 ("6150649" "6331700" "6339216").PN USPAT 2004/06/07 13:54 2004/06/07 13:54 2004/06/07 13:54 2004/06/07 14:00 2004/06/07 14:0	_	۱ ،			2004/06/07 12:29
3 ("6150649" "6331700" "6339216"), P.N.					
3 6150649 LRPN					
13	-	ľ			
"5471049" "5477051" "5572118" "5692511" "588082") P.N. ("3663154" "449430" "4554460" "540803" "5471049" "5477051" "5572118" "5692511" "5708414" "5717608" "5719398" "5815410" "588082") P.N. 3 ("6150649" "6331700" "6339216") P.N. 0 6642501.URPN. 4 ("4298259" "5424530" "6339216") P.N. 2 ("4298259" "5424530" "6399216") P.N. 2 ("4298259" "5424530" "6399216") P.N. 2 ("1020/20029122" "2002/0060284") P.N. 4 ("1020/20029122" "2002/0060284") P.N. 4 ("10250/214a, 2144a, 214ay, 214r), CCLS.) (((330/308) or 120/406/07) P.1716 5 (227777,514)), CCLS.)) (330/308) or 120/406/09 P.1717 5 (250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 ((((250/214a, 214ay, 214r), CCLS.) (((330/308) or 120/406/09) P.1717 5 (((((250/214a, 214ay, 214r), CCLS.) ((((330/308) or 120/406/09) P.1717 5 ((((((((250/214a, 214ay, 214r), CCLS.)) (((((((((((((((((((((((((((((((((((-	N			
"5708414" "5717608" "5719398" "5815410" "5808027"), PN. ("3863154" "4499430" "4554460" "5408093" "5708414" "5717608" "57173938" "5815410" "5708414" "5717608" "57173938" "5815410" "5880827"), PN. 3 ("6150649" "6331700" "6339216"), PN. 0 (6642501, URPN. 0 (6642501, URPN. 0 (6642501, URPN. 0 (6642501, URPN. 0 ((((250)214a, 214sw, 214r), CCLS.) (((330)308) or (327/77,514)), CCLS.) ((330)308) or (327/77,514)), CCLS.) (((330)308) or (327/77,514)), CCLS.) ((330)308) or (327/77,514)	-	13		USPAT	2004/06/07 14:01
"5880827".)PN. "4499430" "4554460" "5408093" "5471049" "5477051" "5572118" "5692511" "570814" "5717608" "5717608" "571818" "5692511" "580827".)PN. USPAT 2004/06/07 14:05					
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261 ((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) and amplif\$5 and switch\$4) and reset and integrat\$5					
(327/77,514)).CCLS.)) and amplif\$5 and switch\$4) and reset and integrat\$5 6011252.URPN. USPAT 2004/06/09 17:16 2004/06/09 17:17 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/06/09 17:10 2004/0		264		LICDATE	2004/05/07 : 5 5 5
and integrat\$5 6011252.URPN. 3 ("5036187" "5233180" "5307145").PN. 1 5994689.URPN. 2004/06/09 17:17 1 5994689.URPN. 3 ("3739177" "4851689" "4861978").PN. 4287 4287 4287 4287 4381 4381 44850 (((250/214a,214sw,214r).CCLS.) (((330/308) or (327/77,514)).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) ((348/300,301).CCLS.) 4450 (((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) ((348/300,301).CCLS.) 4450 ((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) ((348/300,301).CCLS.) amplif\$8 and reset and integrat\$6 and (detector photodiode photodetector) and switch\$4 1 ("6031217").PN. 21273 (detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6 (((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6 on d250/\$.ccls. (((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6 on d250/\$.ccls. ((((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls. ((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) ((348/300,301).CCLS.)) and amplif\$7 and reset\$6 and switch\$6 and 250/\$.ccls.) and reset\$6 and switch\$6 and 250/\$.ccls.) and reset\$5 ame integrat\$7 same switch\$5 (((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$7 same switch\$5 and current amplif\$8 and reset and integrat\$7 same switch\$5 and current amplif\$8 and reset and integrat\$7 same switch\$5 and current amplif\$8 and reset and integrat\$7 same switch\$5 and current amplif\$8 and reset and integrat\$6 ((((((250/214a,214sw,214r).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6) ((((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6) ((((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6) ((((((250/	-	201			2004/06/07 16:08
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3 "5036187" "5233180" "5307145").PN.					
1 5994689 URPN.	-	I :			
- 4287 (((250/214a, 214sw, 214r).CCLS.) (((330/308) or (327/77,514)).CCLS.) ((348/300,301).CCLS.) - 4450 ((((250/214a, 214sw, 214r).CCLS.) (((330/308) or (327/77,514)).CCLS.)) ((348/300,301).CCLS.) - 114 amplif\$8 and reset and integrat\$6 and (detector photodiode photodetector) and switch\$4 - 1 ("6031217").PN. - 21273 (detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6 (((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls. (((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls. (((320/214a, 214sw, 214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6 - 438 (((((250/214a, 214sw, 214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6 - 438 (((((250/214a, 214sw, 214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6 - 19 (((((250/214a, 214sw, 214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6 - 19 (((((250/214a, 214sw, 214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6	-	3		USPAT	2004/06/09 17:17
- 4287 (((250/214a,214sw,214r).CCLS.) (((330/308) or (327/77,514)).CCLS.)) - 181 (348/300,301).CCLS 4450 ((((250/214a,214sw,214r).CCLS.) (((330/308) or (327/77,514)).CCLS.)) (((348/300,301).CCLS.) - 114 amplifs8 and reset and integrat\$6 and (detector photodiode photodetector) and switch\$4 - 1 ("6031217").PN 21273 (detector photodiode photodetector) and integrat\$7 and amplifs7 and reset\$6 and switch\$6 and 250/\$.ccls 1952 (((detector photodiode photodetector) and integrat\$7 and amplifs7 and reset\$6 and switch\$6) and 250/\$.ccls 1952 ((((detector photodiode photodetector) and integrat\$7 and amplifs7 and reset\$6 and switch\$6) and 250/\$.ccls 1952 (((((250/214a,214sw,214r).CCLS.)) ((((330/308) or (327/77,514)).CCLS.))) ((((348/300,301).CCLS.)) and amplifs8 and reset and integrat\$7 and amplif\$7 and reset\$6 and switch\$5) not ((((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) ((((348/300,301).CCLS.))) and amplif\$8 and reset and integrat\$6 and 250/\$.ccls.) and reset\$5 same integrat\$7 same switch\$5) not ((((((250/214a,214sw,214r).CCLS.)) ((((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.))) and amplif\$8 and reset and integrat\$6 (((((250/214a,214sw,214r).CCLS.)) ((((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.))) and amplif\$8 and reset and integrat\$6 ((((250/214a,214sw,214r).CCLS.)) ((((330/308) or (327/77,514)).CCLS.))) ((((348/300,301).CCLS.))) and amplif\$8 and reset and integrat\$6 ((((330/308) or (327/77,514)).CCLS.))) ((((348/300,301).CCLS.))) and amplif\$8 and reset and integrat\$6 (((330/308) or (327/77,514)).CCLS.)) (((((30/303)308) or (327/77,514)).CCLS.))) ((((348/300,301).CCLS.))) and amplif\$8 and reset and integrat\$6 (((330/308) or (327/77,514)).CCLS.)) ((((300/308) or (327/77,514)).CCLS.)) (((300/308) or (327/77,514)).CCLS.)) ((300/308) o	-	1	5994689.URPN.	USPAT	2004/06/09 17:21
- 4287 ((((250/214a,214sw,214r).CCLS.) (((330/308) or (327/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.)) ((348/300,301).CCLS.)) and amplif\$\$ and reset and integrat\$\$7 and amplif\$\$7 and reset\$\$6 and switch\$\$6 and 250/\$.ccls. (USPAT; US-PGPUB USPAT; US-PGPUB	-	3	("3739177" "4851689" "4861978").PN.	USPAT	2004/06/09 17:21
181 (327/77,514)).CCLS.) ((348/300,301).CCLS.) US-PGPUB USPAT; US-PGPUB U	-	4287	(((250/214a,214sw,214r).CCLS.) (((330/308) or	USPAT:	
181 (348/300,301).CCLS. (348/300,301).CCLS. (327/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.) ((348/300,301).CCLS.) (327/77,514)).CCLS.) (327/77,514)).CCLS.) (327/77,514)).CCLS.) (327/77,514)).CCLS.) (327/77,514)).CCLS.) (348/300,301).CCLS.) (327/77,514)).CCLS.) (327/77,514)).CCLS.) (330/308) or (327/77,514)).CCLS.) ((348/300,301).CCLS.) (327/77,514)).CCLS.) ((348/300,301).CCLS.) (327/77,514)).CCLS.) ((348/300,301).CCLS.) (327/77,514)).CCLS.) ((348/300,301).CCLS.) (327/77,514)).CCLS.) ((348/300,301).CCLS.) (320/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.) ((348/300,301).CCLS.) (320/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.) ((348/300,301).CCLS.) and amplif\$8 and reset and integrat\$6 (320/77,514)).CCLS.) ((330/308) or (327/77,514)).CCLS.) ((3			(327/77,514)).CCLS.))		, ,
- 4450 (((((250/214a,214sw,214r).CCLS.) (((330/308) or (327/77,514)).CCLS.))) ((348/300,301).CCLS.) - 114 amplif\$8 and reset and integrat\$6 and (detector photodiode photodetector) and switch\$4 - 1 ("6031217").PN.	-	181			2004/06/09 20:31
4450 ((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.)) ((348/300,301).CCLS.) US-PGPUB amplif\$8 and reset and integrat\$6 and (detector photodiode photodetector) and switch\$4 EPO; JPO; DERWENT; IBM_TDB US-PAT; US-PGPUB US-PGPUB US-PAT; US-PGPUB U			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		200 1,00,03 20.31
114 (327/77,514)).CCLS.)) ((348/300,301).CCLS.) amplif\$8 and reset and integrat\$6 and (detector photodiode photodetector) and switch\$4 USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPUB US-PGPUB USPAT; US-PGPUB	-	4450	((((250/214a.214sw.214r).CCLS.) (((330/308).or		2004/06/09 20:31
114 amplif\$8 and reset and integrat\$6 and (detector photodiode photodetector) and switch\$4 EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PG					2004/00/03 20.31
photodetector) and switch\$4 ["6031217").PN. ["6031217").PN. [USPAT; USPGPUB USPAT; USPAT; USP		114			2004/06/00 21:54
1		**'			2004/00/09 21:54
1			priotodetector) and switchist		
- 21273 (detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6 - 1952 ((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls. - 522 (((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls.) and reset\$5 same integrat\$7 same switch\$5 - 349 (((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6 - 438 ((((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls.) and reset\$5 same integrat\$7 same switch\$5) not ((((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6 - (((((250/214a,214sw,214r).CCLS.)) ((((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.)) and amplif\$8 and reset and integrat\$6 - (((((250/214a,214sw,214r).CCLS.)) (((((330/308) or (327/77,514)).CCLS.))) (((((((330/308) or (327/77,514)).CCLS.))) (((((((330/308) or (327/77,514)).CCLS.)))) (((((((330/308) or (327/77,514)).CCLS.)))) (((((((((((330/308) or (327/77,514)).CCLS.))))) ((((((((((((((((((((((((((((((((1	/"C024247"\ DN		
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amplif\$7 and reset\$6 and switch\$6 ((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls. (((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls.) and reset\$5 same integrat\$7 same switch\$5 ((((250/214a,214sw,214r).CCLS.)) (((330/308) or (327/77,514)).CCLS.))) (((348/300,301).CCLS.))) and amplif\$7 and reset and integrat\$6 (((((detector photodiode photodetector) and integrat\$7 and amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls.) and reset\$5 same integrat\$7 same switch\$5 not ((((((250/214a,214sw,214r).CCLS.)) ((((((330/308) or (3327/77,514)).CCLS.)))) ((((((((330/308) or (3327/77,514)).CCLS.)))) (((((((((250/214a,214sw,214r).CCLS.)))))) ((((((((250/214a,214sw,214r).CCLS.))))) (((((((((250/214a,214sw,214r).CCLS.)))))) (((((((((250/214a,214sw,214r).CCLS.)))))) (((((((((250/214a,214sw,214r).CCLS.)))))) ((((((((((250/214a,214sw,214r).CCLS.)))))) (((((((((((((((((((((((((((((((34370	/deheates sheeted advisor to to to the total and the terms of		
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-	2	(((((((250/214a,214sw,214r).CCLS.) (((330/308) or	USPAT;	2004/06/10 16:48
		(327/77,514)).CCLS.))) ((348/300,301).CCLS.)) and	US-PGPUB	
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-	16	/ /// moreover, burgers burgers burgers and mine and and and	USPAT;	2004/06/10 16:48
		amplif\$7 and reset\$6 and switch\$6) and 250/\$.ccls.) and	US-PGPUB	
		balanc\$5 with operational with amplif\$6		
-	2	((US-6677997-\$ or US-6455837-\$ or US-5994689-\$ or	USPAT;	2004/06/10 18:20
	j	US-5920209-\$ or US-5883535-\$ or US-5692511-\$ or	US-PGPUB	
		US-6128039-\$ or US-6734905-\$ or US-6700110-\$ or		
		US-RE38499-\$ or US-6660991-\$ or US-6665012-\$ or		
		US-6642501-\$ or US-6633028-\$ or US-6587003-\$ or		
		US-6384401-\$ or US-6350981-\$ or US-6331700-\$ or		
		US-6252462-\$ or US-6242728-\$ or US-6248991-\$ or		
		US-6172353-\$ or US-6150649-\$ or US-6133563-\$ or		
		US-6011252-\$ or US-5962844-\$).did. or (US-5959291-\$ or		
		US-5773816-\$ or US-5769384-\$ or US-6441357-\$ or		
		US-6445022-\$ or US-5602511-\$ or US-5572074-\$ or		
		US-5561288-\$).did. or (US-20020060284-\$ or		
		US-20020153957-\$ or US-20020171454-\$ or		
		US-20010040212-\$).did.) and maximum same minimum		
•	1157	(((250/214a,214sw,214r).CCLS.) (((330/308) or	USPAT;	2004/06/10 18:20
		(327/77,514)).CCLS.)) and amplif\$5 and switch\$4	US-PGPUB	
-	94	1 ((() / = / = / ((() /))	USPAT;	2004/06/11 15:46
		(327/77,514)).CCLS.)) and amplif\$5 and switch\$4) and	US-PGPUB	
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